

## CLAIMS

1. A composition for the stimulation of collagen synthesis by human skin fibroblasts, said composition comprising a mixture of BMF and carnosine.
3. A composition according to claim wherein the concentration of carnosine is about 5 1mM to about 100mM.
3. A composition according to any one of claims 1 or 2 wherein the composition comprises about 0.1 to about 2.0% (w/v) carnosine.
4. A composition according to claim 3 wherein the composition comprises about 1.0% (w/v) carnosine.
- 10 5. A composition according to any one of claims 1 to 4 wherein the composition comprises about 0.01 mg/g to about 200 mg/g BMF.
6. A composition according to any one of claims 1 to 5 wherein the composition comprises about 0.01 to about 1.0% (w/w) BMF.
- 15 7. A composition according to claim 6 wherein the composition comprises about 0.02 to about 0.2% (w/w) BMF.
8. A composition according to any one of claims 1 to 7 wherein the BMF includes growth factors selected from the group comprising IGF-1, IGF-2, PDGF, FGF and TGF $\beta$
9. A composition according to any one of claims 1 to 8, comprising additional growth factors, Vitamin A, vitamin C, vitamin E, dimethylsulfoxide, retinoic acid, copper-peptide complexes, alpha-keto acids, lanolin, vaseline, aloe vera, methyl or propyl paraben, and pigments alone or in combination.
- 20 10. A method for treating aged, photodamaged and damaged skin, said method comprising applying to the skin of a human in need thereof an effective amount of a composition according to any one of claims 1 to 9.
- 25 11. A method for improving the aged appearance of skin, said method including applying to the skin of a human in need thereof an effective amount of a composition according to any one of claims 1 to 9.
12. A use of a composition according to any one of claims 1 to 9 in the preparation of a composition for treating aged, photodamaged and damaged skin.

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13. A use of a composition according to any one of claims 1 to 9 in the preparation of a composition for improving the aged appearance of skin.

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